

REMARKS

Claims 1 and 2 are pending in the present application and are rejected. Claims 1 and 2 are herein amended.

Applicants' Response to Claim Rejections under 35 U.S.C. §103

Claims 1 and 2 were rejected under 35 U.S.C. §103(a) as being unpatentable over Hogdahl (U.S. Patent No. 5,264,992) in view of Klein et al. (U.S. Patent Publication No. 2002/0190956).

It is the position of the Office Action that Hogdahl discloses the invention as claimed, with the exception of a converter for converting the position signal output from the digitizer to a digital signal. The Office Action relies on Klein to provide this teaching.

Hogdahl discloses a modular computer system having a workslate unit 12 which attaches to base unit 14. Workslate unit 12 includes a front section 44 and a rear section 46. Front section 44 includes an LCD panel 60 and a digitizer 62. Signals from digitizer 60 are output through electrical connection 114. See Figure 5A. Rear section 46 includes motherboard 124 and other components. See Figure 5B.

Figure 14 illustrates the functional structure of the digitizer 62. Electromagnetic field 776 from the stylus is outputted onto a matrix of rows 760 and columns 762. The column and row signals are amplified by amplifiers 774, 772, 777, 768, 766, and 764. Column signals are decoded in column decoder 778, and row signals are decoded in row decoder 783. Finally, the decoded column and row signals are output to converter 780 which converts the signals from

parallel to serial. The signals are then output to the motherboard 124. Please see column 11, lines 34-54.

Klein discloses a universal remote controller having upper housing 12, and lower housing 13. LCD 24 and display module 180 appear to be disposed in upper housing 12. See Figure 2. Figure 3 illustrates the functional structure of the remote control. As noted by the Office Action, Klein discloses that operating circuitry 100 includes an ADC and touch decoder 170, among other components. However, Klein does not disclose whether the operating circuitry 100 and ADC and touch decoder 170 are disposed in the upper housing 12 or the lower housing 13.

As discussed in the specification and illustrated in Figure 6, the present invention allows for a common main body section to be used with two different upper cover sections, which include either a resistor film type digitizer 201 or an electromagnetic induction type digitizer 131. Each of the different upper cover sections has conversion board 234 or 134 which is specific to the type of display screen and detector used. However, the bottom section is compatible with both upper cover sections.

Therefore, in response to the rejection, Applicants herein amend the claims in order to more clearly recite the invention. Applicants amend the claims to recite a first upper section, a second upper section, and a lower section which is compatible with both the first and second upper sections. Such an amendment more directly recites the inventive subject matter discussed in the specification. Please see amended claims 1 and 2. Neither Hogdahl nor Klein, either singly or in combination, disclose the subject matter of amended claims 1 and 2. Favorable reconsideration is respectfully requested.

Amendment
Serial No. 10/631,821
Attorney Docket No. 030920

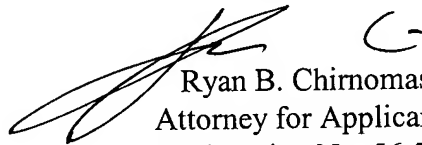
For at least the foregoing reasons, the claimed invention distinguishes over the cited art and defines patentable subject matter. Favorable reconsideration is earnestly solicited.

Should the Examiner deem that any further action by applicants would be desirable to place the application in condition for allowance, the Examiner is encouraged to telephone applicants' undersigned agent.

If this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. The fees for such an extension or any other fees that may be due with respect to this paper may be charged to Deposit Account No. 50-2866.

Respectfully submitted,

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